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3 **Listing of Claims**

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5 This listing of claims will replace all prior versions, and listings, of claims
6 in the application.

7 Claims 1-19 (Canceled)

8
9 Claim 20 (Currently amended): A computer-readable medium as in claim
10 [[1]]29, wherein the determining act comprises testing the fragment cache to verify
11 that each glyph in the fragment is stored in the fragment cache.

12
13 Claim 21 (Previously presented): A computer-readable medium as in claim
14 20, further comprising:

15 storing a plurality of glyph caches on the remote terminal,
16 wherein the fragment cache comprises a plurality of entries each having
17 location information identifying storage locations in the glyph caches for the
18 glyphs of the fragment.

19
20 Claim 22 (Previously presented): A computer readable medium as in claim
21 20, having further computer-executable instructions for performing the steps of
22 identifying a glyph in the fragment that is not currently stored in the cache, sending
23 graphic representation data for said glyph and a cell index to the remote terminal,
24 the cell index identifying a cell in the glyph caches for storing the graphic
25 representation data for said glyph.

Claim 23 (Currently amended): A computer-readable medium as in claim

1 [[1]]29, wherein the fragment cache is implemented using a glyph caching scheme.

2
3 Claim 24 (Currently amended): A computer-readable medium as in claim
4 [[1]]29, having further computer-executable instructions for performing the step of
5 maintaining a local fragment cache identification table to identify which fragments
6 are cached on the remote terminal.

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8 Claim 25 (Previously presented): A computer-readable medium as in claim
9 24, wherein the local fragment cache identification table stores fragment
10 identification values comprising information identifying one or more fragment
11 storage locations in the fragment cache at the remote terminal.

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13 Claim 26 (Previously presented): A computer-readable medium as in claim
14 25, wherein the local fragment cache identification table comprises a lookup table
15 having fragment keys associated with fragment indices identifying corresponding
16 entries in the fragment cache at the remote terminal.

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18 Claim 27 (Previously presented): A computer-readable medium as in claim
19 26, wherein the fragment cache is based on a glyph cache system.

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21 Claim 28 (Previously presented): A computer-readable medium as in claim
22 27, having further computer-executable instructions for performing the step of
23 maintaining a local glyph cache lookup table for the glyph caches stored at the
24 remote terminal, wherein the glyph cache lookup table comprises glyph keys
25 associated with cache cell indices for identifying corresponding cells in the glyph
caches.

Claim 29 (Currently amended): A computer-readable medium having

1 computer-executable instructions for performing steps to communicate with a
2 remote terminal for displaying graphic user interface images, comprising:

3 receiving a drawing request to display a fragment on the remote terminal,
4 the fragment including a plurality of glyphs;

5 determining whether the fragment has been cached in a fragment cache at
6 the remote terminal;

7 sending a fragment index associated with the fragment to the remote
8 terminal, when it is determined that the fragment has been cached, the fragment
9 index identifying an entry in the fragment cache that stores data representing the
10 fragment; and

11 ~~A computer-readable medium as in claim 1, having further computer-~~
12 ~~executable instructions for performing the steps of:~~ when it is determined that the
13 fragment has not been cached:

14 identifying missing glyphs of the fragment that have not been cached at the
15 remote terminal;

16 caching the missing glyphs at the remote terminal;

17 determining a fragment index for the fragment, the fragment index
18 identifying an entry in the fragment table for storing said fragment; and

19 storing the fragment index on a local computer system for maintaining the
20 fragment cache on the remote terminal; and

21 ~~sending the fragment index to the remote terminal for caching the fragment~~
22 ~~in an entry of the fragment cache identified by the fragment index.~~

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Claims 30-33 (Canceled)

1 Claims 34 (New): A computer-readable medium as in claim 29, having
2 further computer-executable instructions for performing the step of sending the
3 fragment index to the remote terminal for caching the fragment in an entry of the
4 fragment cache identified by the fragment index.
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